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Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: [Create new](#)View: INPADOC | Jump to: [Top](#)Title: **JP61214909A2: THROW AWAY TIP**Country: **JP Japan**Kind: **A (See also: [JP1034729B4](#))**Inventor: **SHIMOMURA HIROSHI;
IIZUKA KAZUO;
HARANO MAKOTO;
TAKEYA TOSHIFUMI;**Assignee: **MITSUBISHI METAL CORP
RYOKO SEIKI KK**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1986-09-24 / 1985-03-15**Application
Number: **JP1985000051770**IPC Code: **B23C 5/20;**Priority Number: **1985-03-15 JP1985000051770**

Abstract: PURPOSE: To improve machinability of a throw away tip and to dispose cutting chips smoothly by forming the throw away tip into a polygon of which upper and lower face are parallel with each other, forming sub-cutting edges on each of the corner sections of the upper face, and forming convexly curved and concavely curved faces on each of side sections between each sub-cutting edge.

CONSTITUTION: Sub-cutting edges 32... are formed on each corner section of the upper face 31 of a tip 30 and main cutting edges 33... are on each side section between each sub-cutting edge. The upper faces 34 of side sections are extended from the cutting edge ends 35 to the rear ends of the main cutting edges 33 respectively and are composed of convexly curved faces 37 forming the cutting faces of the main cutting edges 33 and concavely curved face 38 extending to the vicinity of the sub-cutting edges 32 respectively. Since all the cutting faces of the main cutting edges can be formed on the convexly curved faces, high machinability can be obtained and cutting chips are so smoothly disposed along the concavely curved faces that the chip disposal is facilitated.

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